



SEQUENCE LISTING

<110> Mitre, Thomas F.
Sandberg, Lawrence B.

<120> ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION
WITH SKIN ENHANCING AGENTS

<130> 25812-13

<140> 09/580,110

<141> 2000-05-30

<160> 75

<170> PatentIn version 3.1

<210> 1

<211> 3

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 1

Ala Val Gly

1

<210> 2

<211> 4

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 2

Val Gly Ala Gly

1

<210> 3

<211> 3

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 3

Ile Gly Gly
1

<210> 4
<211> 2
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 4

Leu Gly
1

<210> 5
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 5

Ile Gly Ala Gly
1

<210> 6
<211> 3
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 6

Leu Gly Gly
1

<210> 7
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 7

Val Ala Pro Gly

1

<210> 8

<211> 4

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 8

Leu Gly Pro Gly

1

<210> 9

<211> 4

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 9

Leu Gly Ala Gly

1

<210> 10

<211> 4

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 10

Val Gly Pro Gly

1

<210> 11

<211> 4

<212> PRT

<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 11

Phe Gly Pro Gly
1

<210> 12
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 12

Val Gly Pro Gln
1

<210> 13
<211> 3
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 13

Leu Gly Ala
1

<210> 14
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 14

Val Gly Pro Ala
1

<210> 15
<211> 4
<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 15

Val Val Pro Gly

1

<210> 16

<211> 4

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 16

Ala Val Pro Gly

1

<210> 17

<211> 4

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 17

Val Val Pro Gln

1

<210> 18

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 18

Val Ala Ala Arg Pro Gly

1

5

<210> 19

<211> 7
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 19

Leu Gly Ala Gly Gly Ala Gly
1 5

<210> 20
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 20

Ala Ile Pro Gly
1

<210> 21
<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 21

Leu Gly Pro Gly Gly
1 5

<210> 22
<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 22

Ala Ala Ala Gln Ala
1 5

<210> 23
<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa, position 4, is hydroxyproline

<400> 23

Val Gly Val Xaa Gly
1 5

<210> 24
<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 24

Val Tyr Pro Gly Gly
1 5

<210> 25
<211> 6
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 25

Ile Gly Gly Val Gly Gly
1 5

<210> 26
<211> 6
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 26

Val Ala Pro Gly Val Gly
1 5

<210> 27
<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 27

Leu Gly Val Gly Gly
1 5

<210> 28
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 28

Leu Val Pro Gly
1

<210> 29
<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 29

Phe Arg Ala Ala Ala
1 5

<210> 30
<211> 6
<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 30

Val Gly Gly Val Pro Gly

1 5

<210> 31

<211> 5

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 31

Phe Gly Pro Gly Gly

1 5

<210> 32

<211> 5

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 32

Val Gly Val Pro Gly

1 5

<210> 33

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 33

Val Leu Pro Gly Ala Gly

1 5

<210> 34

<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa, position 4, is hydroxyproline

<400> 34

Val Gly Leu Xaa Gly
1 5

<210> 35
<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 35

Leu Gly Val Gly Ala
1 5

<210> 36
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 36

Ala Phe Pro Gly
1

<210> 37
<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 37

Ala Phe Pro Gly Ala
1 5

<210> 38

<211> 5

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 38

Val Gly Ile Pro Ala
1 5

<210> 39

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 39

Val Gly Gly Ile Pro Thr
1 5

<210> 40

<211> 7

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 40

Val Gly Val Gly Val Pro Gly
1 5

<210> 41

<211> 6

<212> PRT

<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 41

Leu Gly Pro Gly Val Gly
1 5

<210> 42
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<220>
<221> MOD_RES
<222> (4)..(4)
<223> AMIDATION

<400> 42

Val Ala Pro Gln
1

<210> 43
<211> 4
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLTATION

<400> 43

Val Val Pro Gln
1

<210> 44
<211> 6
<212> PRT
<213> Artificial

<220>
 <223> Description of Artificial Sequence: peptide

 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> ACETYLATION

 <220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> AMIDATION

 <400> 44

 Gly Ala Val Val Pro Gln
 1 5

 <210> 45
 <211> 5
 <212> PRT
 <213> Artificial

 <220>
 <223> Description of Artificial Sequence: peptide

 <400> 45

 Ala Val Val Pro Gln
 1 5

 <210> 46
 <211> 6
 <212> PRT
 <213> Artificial

 <220>
 <223> Description of Artificial Sequence: peptide

 <400> 46

 Gly Ala Val Val Pro Gln
 1 5

 <210> 47
 <211> 5
 <212> PRT
 <213> Artificial

<220>
 <223> Description of Artificial Sequence: peptide

 <220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> AMIDATION

 <400> 47

 Ala Val Val Pro Gln
 1 5

 <210> 48
 <211> 6
 <212> PRT
 <213> Artificial

 <220>
 <223> Description of Artificial Sequence: peptide

 <220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> AMIDATION

 <400> 48

 Gly Ala Val Val Pro Gln
 1 5

 <210> 49
 <211> 6
 <212> PRT
 <213> Artificial

 <220>
 <223> Description of Artificial Sequence: peptide

 <400> 49

 Cys Val Val Pro Gln Cys
 1 5

 <210> 50
 <211> 7
 <212> PRT
 <213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 50

Cys Ala Val Val Pro Gln Cys
1 5

<210> 51
<211> 8
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 51

Cys Gly Ala Val Val Pro Gln Cys
1 5

<210> 52
<211> 6
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 52

Cys Val Val Pro Gln Cys
1 5

<210> 53
<211> 7
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 53

Cys Ala Val Val Pro Gln Cys
1 5

<210> 54
<211> 8
<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 54

Cys Gly Ala Val Val Pro Gln Cys

1 5

<210> 55

<211> 4

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 55

Val Val Pro Asn

1

<210> 56

<211> 5

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 56

Ala Val Val Pro Asn

1 5

<210> 57

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 57

Gly Ala Val Val Pro Asn

1 5

<210> 58

<211> 5
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<220>
<221> MOD_RES
<222> (5)..(5)
<223> AMIDATION

<400> 58

Ala Val Val Pro Asn
1 5

<210> 59
<211> 6
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<220>
<221> MOD_RES
<222> (6)..(6)
<223> AMIDATION

<400> 59

Gly Ala Val Val Pro Asn
1 5

<210> 60
<211> 6
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 60

Cys Val Val Pro Asn Cys
1 5

<210> 61

<211> 7
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 61

Cys Ala Val Val Pro Asn Cys
1 5

<210> 62
<211> 8
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 62

Cys Gly Ala Val Val Pro Asn Cys
1 5

<210> 63
<211> 6
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 63

Cys Val Val Pro Asn Cys
1 5

<210> 64
<211> 7
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 64

Cys Ala Val Val Pro Asn Cys
1 5

<210> 65
 <211> 8
 <212> PRT
 <213> Artificial

 <220>
 <223> Description of Artificial Sequence: peptide

 <400> 65

 Cys Gly Ala Val Val Pro Asn Cys
 1 5

<210> 66
 <211> 8
 <212> PRT
 <213> Artificial

 <220>
 <223> Description of Artificial Sequence: peptide

 <400> 66

 Leu Gly Ala Gly Gly Ala Gly Val
 1 5

<210> 67
 <211> 9
 <212> PRT
 <213> Artificial

 <220>
 <223> Description of Artificial Sequence: peptide

 <400> 67

 Leu Gly Ala Gly Gly Ala Gly Val Leu
 1 5

<210> 68
 <211> 8
 <212> PRT
 <213> Artificial

 <220>
 <223> Description of Artificial Sequence: peptide

 <220>
 <221> MOD_RES
 <222> (8)..(8)

<223> AMIDATION

<400> 68

Leu Gly Ala Gly Gly Ala Gly Val
1 5

<210> 69

<211> 9

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<220>

<221> MOD_RES

<222> (9)..(9)

<223> AMIDATION

<400> 69

Leu Gly Ala Gly Gly Ala Gly Val Leu
1 5

<210> 70

<211> 9

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 70

Cys Leu Gly Ala Gly Gly Ala Gly Cys
1 5

<210> 71

<211> 10

<212> PRT

<213> Artificial

<220>

<223> Description of Artificial Sequence: peptide

<400> 71

Cys Leu Gly Ala Gly Gly Ala Gly Val Cys

1 5 10

<210> 72
<211> 11
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 72

Cys Leu Gly Ala Gly Gly Ala Gly Val Leu Cys
1 5 10

<210> 73
<211> 9
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 73

Cys Leu Gly Ala Gly Gly Ala Gly Cys
1 5

<210> 74
<211> 10
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 74

Cys Leu Gly Ala Gly Gly Ala Gly Val Cys
1 5 10

<210> 75
<211> 11
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: peptide

<400> 75

C

Cys Leu Gly Ala Gly Gly Ala Gly Val Leu Cys
1 5 10
